transactions of the ASME
SOCIETY RECORDS • ASME ANNUAL AM-5 • JANUARY 1970

indexes to 1969 publications

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PUBLISHED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

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Published Quarterly by
The American Society of
Mechanical Engineers
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The Arizona State Universities Library
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Tucson — University of Arizona
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ARKANSAS

Fayetteville — University of Arkansas
Engineering Library

CALIFORNIA

Berkeley — University of California
Serials Dept. General Library

Davis — University of California
Acquisitions Department Library
Engineering Library

Fresno — Fresno State College
Periodicals Department
Student Library—School of Engineering

Long Beach — California State College at Long Beach
College Library
College Library—Science Reference Room

Los Angeles — California State College
John F. Kennedy Memorial Library
University of California
Engineering and Mathematical Sciences
Library Room 8270—Boelter Hall
ASME Student Reference Room Library
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University of Southern California
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Library

Pasadena — California Institute of Technology
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Santa Clara — University of Santa Clara
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Public Library

San Diego — San Diego State College
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San Jose — San Jose State College
Main Library
Science & Technology Library

Stanford — Stanford
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Durand Room—Mechanical Engrg. Dept.

COLORADO

Boulder — University of Colorado
Libraries—Serials Department

Denver — University of Denver
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Fort Collins — Colorado State University
Morgan Library

Golden — Colorado School of Mines
Arthur Lake Library

CONNECTICUT

Bridgeport — University of Bridgeport
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Honolulu — University of Hawaii
Graduate Research Library

IDAHO

Moscow — University of Idaho
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ILLINOIS

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INDIANA

Lafayette — Purdue University
Libraries—Periodicals

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Valparaiso — Valparaiso University
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IOWA

Ames — Iowa State University
Science and Technology Library

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University Library—Serials Acquisition Dept.

KANSAS

Lawrence — University of Kansas
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Potsdam ..... Clarkson College of Technology
Library

Rochester ..... University of Rochester
Rush Rhees Library
College of Engineering Library
Rochester Institute of Technology
Library

Schenectady ..... Union College
Library

Syracuse ..... Syracuse University
Engineering Library—White Hall

Troy ..... Rensselaer Polytechnic Institute
Library Serials Dept.

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Library—Periodicals 'E'
Engineering Library—Periodicals 'E'

Greensboro ..... North Carolina Agricultural & Tech. State Univ.
Library

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Toledo ..... University of Toledo
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Youngstown ..... Youngstown State University
Library

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Mechanical Engineering Dept. Library

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	The Franklin Institute
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	Carnegie Library of Pittsburgh
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Columbia	University of South Carolina McKissick Library—Science Room Mechanical Engrg. Dept. Library

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Brookings	South Dakota State University Library
Rapid City	South Dakota School of Mines and Technology Library Mech. Engrg. Dept. Library

TENNESSEE

Cookeville	Tennessee Technological University Mechanical Engrg. Dept. Library
Knoxville	University of Tennessee Engineering Library
Nashville	Vanderbilt University Joint University Libraries Engr. and Science Reading Rm.

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Morgantown	West Virginia University Engineering Library—Evansdale Campus

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In Other Countries

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Melbourne	State Library of Victoria
Nedlands	University of Western Australia
Sydney	Public Library of New South Wales
Tighes Hill	Newcastle University of N.S.W. College Library

BELGIUM

Louvain	University of Louvain Library

BRAZIL

Sao Paulo	Centro Technico de Aeronautica

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Vancouver	Library—Applied Science Reading Room Mechanical Engineering Dept. Library
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Montreal	McGill University Library
Ontario	
Kingston	Queen's University Mechanical Engineering Dept. Library
Ottawa	Carleton University Library Library—Mech. Engrg. Students Reading Rm.
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Windsor	University of Windsor The Library Mechanical Engrg. Dept. Library

CHILE

Santiago	Universidad de Chile Biblioteca Central, Escuela de Ingenieria

ENGLAND

Birmingham	Birmingham Reference Library
Bristol	University of Bristol Library
Cambridge	University of Cambridge
Liverpool	Liverpool Public Libraries
London	Royal Aeronautical Society
Manchester	Manchester College of Science and Technology
Newcastle Upon Tyne	North East Coast Institute of Engineers and Shipbuilders

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Christchurch ..... University of Canterbury

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Agrimensores De Puerto Rico

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Gothenburg ..... Chalmers University of Technology Library
Stockholm ..... K. Tekniska Högskolans Bibliotek

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Istanbul ..... Robert College Library

WALES
Cardiff ..... Cardiff Public Libraries

Indexes to ASME Papers and Publications

Volume 91, 1969

THIS and the following pages will serve as a guide to the current publications of the ASME.

Regular Society Publications, 1969

MECHANICAL ENGINEERING, monthly (see index on page SR-19)
ASME Transactions, quarterlies (see combined index on page SR-97)
- Series A, *Journal of Engineering for Power*
- Series B, *Journal of Engineering of Industry*
- Series C, *Journal of Heat Transfer*
- Series D, *Journal of Basic Engineering*
- Series E, *Journal of Applied Mechanics*
- Series F, *Journal of Lubrication Technology*

ASME Mechanical Engineers' Catalog and Product Directory, 1969 edition
Applied Mechanics Review, monthly
Heat Transfer — Soviet Research, bimonthly

Publications Issued In 1969

BOOKS AND REPORTS

1969 Boiler and Pressure Vessel Code
- Criteria for Design by Analysis in Sections III & IV. Division 2.
- Suggested Rules for Care and Operation of Heating Boilers (Section VI)
- Fiberglass-Reinforced Plastic Pressure Vessels (Section X)
- Inservice Inspection of Nuclear Reactor Coolant Systems (Section XI)
- 1969 Code Interpretations
- Alternative Rules for Pressure Vessels

Guide to Alternative Rules for Pressure Vessels
ASME Steam Tables & Mollier Chart
Boundary Lubrication — An Appraisal of World Literature
Cavitation Forum — 1969
Cavitation State of Knowledge
Computational Approaches in Applied Mechanics
Computer in Pressure Vessel Analysis
Control of Distributed Parameter Systems
Criteria of the ASME Boiler and Pressure Vessel Code for Design by Analysis in Sections III & IV
Defining Transportation Requirements
Dynamics of Structured Solids
Elevator Code and Supplements
Frank Gilbreth Centennial
Gas Lubrication
Heat Transfer in Rod Bundles
JEMC Proceedings "The Engineering Manager — Survival in the Seventies"
List of Manufacturers Holding Certificates of Authorization for Code Symbol Stamps
Machinery Noise
Materials Technology — An Interamerican Approach
Mathematical Theory of Dislocations
Pressure Vessel Technology
- Design and Analysis — Part I
- Materials and Fabrication — Part II

Pressure Piping Code Interpretation — 1969
Proceedings of the Second International Symposium on Gas Lubrication
Stochastic Processes in Dynamical Problems
Structures and Materials
Surface Mechanics
Theoretical Steam Rate Tables
The Engineer's Responsibility to Society
Two-Phase Flow Instrumentation
Two-Phase Flow & Heat Transfer in Rod Bundles
Urban Engineering and Transportation
Use of the Computer in Pressure Vessel Analysis

ASME STANDARDS

Draft ASME Code for Inservice Inspection of Nuclear Reactor Coolant Systems
Draft ASME Code for Pumps and Valves for Nuclear Power
Recommended Guide for the Control of Dust Emissions—Combustion for Indirect Heat Exchangers 1969
Recommended Practices for the Design of Gas Turbine Generator Lubricating Oil Systems
Recommended Practices for the Design of Lubricating Systems for Marine Steam Turbine Pumps for Various Ships Services
Recommended Practices for the Purification of Lubricating Oil in Marine Steam Turbine Driven Auxiliary

USA STANDARDS

Cast Bronze Solder-Joint Drainage Fittings
Crawler, Locomotive and Truck Cranes
Dryseal Pipe Threads
Forged Eyebolts
Fuel Gas Piping
Gages—Functional, Ball-lock Punches, Die Buttons and Retainers
Gear Shaper Cutters
General Purpose Rectangular Uniform Section Retaining Rings
Graphic Symbols for Electrical & Electronic Diagrams
Graphical Symbols for Welding
Heavy Duty Carbide Inserts for Cutting Tools
Indexable (Throw-away) Inserts for Cutting Tools
Indexable (Throw-away) Insert Holders
Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels
Manlifts
Milling Cutters and End Mills
Nuclear Power Piping
Pipe Threads (Except Dryseal)
Preferred Diameters for Round Wire—0.5000 inches and Under
Punches—Basic Ball-lock, Light and Heavy Duty
Quill Flanges and Spindle Ends for Upright and Horizontal Drill Spindles for Production Type Drilling Machines
Safety Standard for Powered Industrial Trucks
Specifications for Carbide Blanks for Twist Drills, Reamers, End Mills and Random Rod
Steel Rotary Slitting Knives & Steel Spacing Collars
Unfired Pressure Vessel Flange Dimensions

PERFORMANCE TEST CODES

Coal Pulverizers
Gaseous Fuels
Guidance for Evaluation of Measurement Uncertainty in Performance Tests of Steam Turbines
Nuclear Steam Supply Systems

How to Find Papers Presented at 1969 ASME Meetings

The technical programs of the meetings of the Society and of its Professional Divisions have been published in MECHANICAL ENGINEERING and may be located by consulting the index on pages SR-19 to SR-96. Many of these paper will be published in MECHANICAL ENGINEERING or the TRANSACTIONS and may be located by reference to the indexes of these publications.

Currently Available ASME Publications

ASME members may purchase most of the publications listed below at a 20 percent discount. Handling and mailing charges are added to price when payment does not accompany order.

USA STANDARDS

Safety Codes

A17.1—1965. Elevators, Dumbwaiters, Escalators and Moving Walks. $9.50
A17.1a—1967. Supplement to Safety Code for Elevators, Dumbwaiters and Moving Walks. $1.50
A17.1b—1968. Supplement to Safety Code for Elevators, Dumbwaiters and Moving Walks. $1.50
A17.1c—1969. Supplement to Safety Code for Elevators, Dumbwaiters and Moving Walks. $1.50
A17.2—1960. Practice for Inspection of Elevators $5.25 (1965 Addendum 50¢)
A17.2b—1967. Supplement to Practice for Inspection of Elevators. $1.50
A113.1—1964. Mechanized Parking Garage Equipment. $4.50
B15.1—1953. (Reaffirmed 1958). Mechanical Power Transmission Apparatus. $3.50
B20.1—1957. Conveyors, Cableways and Related Equipment. $3.00
B30.1—1943. (Reaffirmed 1952). Jacks. $2.00
B30.2—1943. (Reaffirmed 1952). Cranes, Hoists, Derricks. $4.75
B3012.0—1967. Overhead and Gantry Cranes. $3.00
B30.5—1968. Crawler, Locomotive & Truck Cranes. $3.00
B56.1—1969. Powered Industrial Trucks. $2.50
B77.1—1960. Aerial Passenger Tramways. $5.00 (with 1963 and 1965 Addenda

Safety Codes-Nuclear

N6.2—1965. Safety Standard for Design Fabrication and Maintenance for Nuclear Power Reactors. $2.00

Piping

A13.1—1956. Scheme for Identification of Piping Systems. $2.00
Code for Pressure Piping
B31.1.0—1967. Power Piping. $5.00
B31.1.0a—1969. Addendum to Power Piping. 50¢
B31.2—1968. Fuel Gas Piping. $4.00

B31.3—1968. Petroleum Refinery Piping. $6.00
B31.4—1966. Liquid Petroleum Transportation Piping Systems. $5.00
B31-4a—1969. Addendum to Liquid Petroleum Transportation Piping Systems. 50¢
B31.5—1966. Refrigeration Piping. $5.00
B31.7—1969. Nuclear Power Piping. $10.00
B31.8—1968. Gas Transmission and Distribution Piping Systems. $6.00

Pipe Flanges and Fittings

B16.1—1967. Cast Iron Pipe Flanges & Flanged Fittings, 25, 125, 250 and 800 lb. $3.50
B16.3—1963. Malleable-Iron Screwed Fittings, 150 and 300 Lb. $2.50
B16.4—1963. C. I. Screwed Fittings, 125 and 250 Lb. $2.50
B16.5—1968. Steel Pipe Flanges and Flanged Fittings (150, 300, 400, 600, 900, 1500, and 2500 Lb.) (Including Reference to Valves.) $5.50 plus 4 page errata.
B16.9—1964. Steel Butt-Welding Fittings. $2.50
B16.10—1957. Face-to-Face End-to-End Dimensions of Ferrous Valves. $2.50
B16.11—1966. Forged Steel Fitting. Socket Welding and Threaded $2.50
B16.12—1965. C. I. Screwed Drainage Fittings. $2.50
B16.14—1965. Ferrous Plugs, Bushings, and Locknuts and Pipe Threads. $2.50
B16.15—1964. Cast-Bronze Screwed Fittings, 125 and 250 Lb. $2.50
B16.18—1963. Cast-Bronze Solder-Joint Pressure Fittings. $2.50
B16.20—1963. Ring-Joint Gaskets and Grooves for Steel Pipe Flanges. $2.00
B16.21—1962. Nonmetallic Gaskets for Pipe Flanges. $2.00
B16.22—1963. Wrought-Copper and Wrought-Bronze Solder-Joint Fittings. $2.00
B16.23—1969. Cast-Bronze Solder-Joint Drainage Fittings. $4.00
B16.24—1962. Bronze Flanges and Flanged Fittings, 150 and 300 Lb. $2.00
B16.25—1964. Buttwelding Ends. $2.00
B16.26—1967. Cast Bronze Fittings for Flared Copper Tubes. $2.00
B16.27—1962. Plastic Insert Fittings for Flexible Polyethylene Pipe. $2.00
B16.28—1964. Wrought Steel Buttwelding Short Radius Elbows and Returns. $2.00
B16.29—1966. Wrought Copper and Wrought Copper Alloy Solder—Joint Drainage Fitting. $2.50
B16.30—1969. Unfired Pressure Vessel Flange Dimensions. $3.00

Pipe and Pipe Threads

B2.1—1968. Pipe Threads (Except Dryseal). $4.25
B2.2—1968. Dryseal Pipe Threads. $4.25
B2.4—1966. Hose Coupling Screw Threads. $2.75
B26—1925. (Reaffirmed 1953). Fire-Hose Coupling Screw Thread. $2.00
B36.10—1959. Wrought-Steel and Wrought-Iron Pipe. $2.50

Plumbing

A40.1—1935. Cast Iron Soil Pipe and Fittings. $2.50
A40.4 and 6—1943. Air Gap and Back Flow Preventers in Plumbing Systems. $2.50
A40.5—1943. Threaded Cast Iron Pipe for Drainage, Vent and Waste Services. $2.00
A40.8—1955. National Plumbing Code. $6.00
A90.1—1969. Manlifts. $3.00
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A112.21.1—1968. Floor Drains. $2.00

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B5.20—1958. Machine Pins. $2.00
B18.1—1965. Small Solid Rivets. $3.00
B18.2.1—1965. Square and Hex Bolts & Screws. $3.50
B18.2.2—1965. Square and Hex Nuts. $3.50
B18.3—1961. Socket Cap, Shoulder and Set Screws. $3.50
B18.4—1960. Large Rivets. $2.50
B18.5—1952. (Reaffirmed 1959). Round Head Bolts. $2.50
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